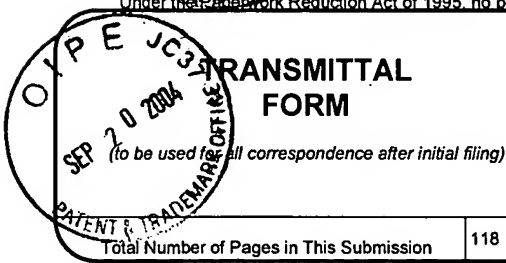




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TRANSMITTAL FORM

Application Number	10/705,562
Filing Date	11-11-2003
First Named Inventor	Graham McElhinney
Art Unit	2863
Examiner Name	Victor Taylor
Attorney Docket Number	PAT025US

Total Number of Pages in This Submission 118

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark Thurmon Registry No. 39,858
Signature	
Date	9/14/04

CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Appl. No. 10/705,562
Docket No. PAT025US

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION:
Graham McElhinney

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§

EXAMINER: Victor Taylor

SERIAL NO. 10/705,562

GROUP ART UNIT: 2863

CONFIRMATION NO. 5494

FILED: November 11, 2003

FOR: WELL TWINNING TECHNIQUES
IN BOREHOLE SURVEYING

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty, under 37 C.F.R. § 1.56, 1.97 and 1.98, to disclose all relevant material, the Applicant lists below the following references believed to be relevant to the subject matter of the above-identified application:

FOREIGN PATENTS

	<u>Country-Number</u>	<u>Publication Date</u>	<u>Patentee</u>
1.	GB 2321970	08-12-1998	Gyrodata, Inc.
2.	GB 2331811	06-02-1999	Gyrodata, Inc.
3.	GB 2086055	05-06-1982	Sundstrand Data Control, Inc.

OTHER PUBLICATIONS

1. MCELHINNEY, G.A., MARGEIRSSON, A., HAMLIN, K., and BLOK, I.,
"Gravity MWD: A New Technique To Determine Your Well Path," 2000

IADC/SPE Drilling Conference, New Orleans, Louisiana, February 23-25, 2000, IADC/SPE Paper Number 59200.

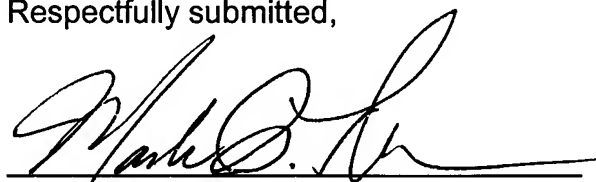
2. Marketing material *MagTraC* 06-03 by Scientific Drilling available for download at <http://www.scientificdrilling.com/pdf/magtrac%20overview.pdf>.

Applicant respectfully submits that the invention in the above-identified application is patentably distinguishable over the cited references known to Applicant and disclosed in the above Second Supplemental Information Disclosure Statement.

This Second Supplemental Information Disclosure Statement is being filed **after** three months following the filing date of this application, but **before** the first Office Action on the merits. 37 C.F.R. § 1.97(b).

Respectfully submitted,

Date: 9/14/04



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/705,562
Filing Date	11-11-2003
First Named Inventor	MCELHINNEY, Graham
Art Unit	2863
Examiner Name	
Attorney Docket Number	PAT025US

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
		Country Code-Number-Kind Code				
	AA	GB-2321970-A	08-12-1998	Gyrodatta, Inc.		
	AB	GB-2331811-A	06-02-1999	Gyrodatta, Inc.		
	AC	GB-2086055-A	05-06-1982	Sundstrand Data Control		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
	AD	MCELHINNEY, G.A., MARGEIRSSON, A., HAMLIN, K., and BLOK, I., "Gravity MWD: A New Technique To Determine Your Well Path," 2000 IADC/SPE Drilling Conference, New Orleans, Louisiana, February 23-25, 2000, IADC/SPE Paper Number 59200.	
	AE	Marketing material MagTraC 06-03 by Scientific Drilling available for download at http://www.scientificdrilling.com/pdf/magtrac%20overview.pdf .	

**Examiner
Signature**

**Date
Considered**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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